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IN THE CLAIMS

Claims 1-16. (Cancelled)

Claim 17. (Previously Amended) A method of producing a hollow core composite assembly comprising:

applying a film adhesive to an open core surface of a hollow core base;
and

applying an uncured solid film to said open core surface; and
applying at least one liquid resin layer to said uncured solid film using a resin molding process, said at least one solid film preventing said at least one liquid resin layer from penetrating said hollow core base.

Claim 18. (Previously amended). A method of producing a hollow core composite assembly as described in claim 17, further comprising:

laying up dry at least one dry face ply on top of the solid film;
applying liquid resin to said at least one dry face ply; and
curing the hollow core composite assembly.

Claim 19. (Previously Amended). A method of producing a hollow core composite assembly as described in claim 18, further comprising:

curing said uncured solid film to said open core surface by said applying at least one liquid resin layer.

Claim 20. (Cancelled)

Claim 21. (Previously Amended) A method of producing a hollow core composite assembly as described in claim 17, wherein said applying at least one liquid resin layer is accomplished utilizing a resin transfer molding process.

Claim 22. (Previously Amended) A method of producing a hollow core composite assembly as described in claim 17, wherein said applying at least one liquid resin layer is accomplished utilizing a vacuum assisted resin transfer molding process.

Claim 23. (Previously Added) A method of producing a hollow core composite assembly as described in claim 17, wherein said uncured solid film comprises polyetherketoneketone.

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Claim 24. (Previously Added) A method of producing a hollow core composite assembly as described in claim 17, wherein said uncured solid film comprises a polysuphone film.

Claim 25. (Previously Added) A method of producing a hollow core composite assembly as described in claim 17, wherein said uncured solid film comprises polyethyleneterephthalate.

Claim 26. (Previously Added) A method of producing a hollow core composite assembly as described in claim 17, wherein said uncured solid film comprises a thermoplastic material.

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Claim 27. (Currently Amended) A method of producing a hollow core composite assembly as described in claim 17, wherein said uncured solid film is chosen from the group of nylon[, metal foils], thermoset film material, and urethane film materials.

Claim 28. (Previously Added) A method of producing a hollow core composite assembly as described in claim 17, further comprising:

applying an outer film adhesive to an outer surface of said uncured solid film.

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